User Guide

WARNING

It is the responsibility of the vehicle operator to ensure their vehicle is parked in a safe and responsible manner.

1. a) Manual transmission: When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in the NEUTRAL position and the parking brake is engaged in order to avoid accidents upon remote starting.
   b) Automatic transmission: When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in "Park" in order to avoid accidents upon remote starting.
   (Note: Make sure that the automatic vehicle cannot start in "Drive".)
2. It is the user's responsibility to ensure that the remote starter is disabled or put into valet mode before servicing.

Designed & engineered in Canada

Directed®
ELECTRONICS CANADA, INC.

A note concerning the battery inside the transmitter:

Depending on your usage of the transmitter, the battery can last anywhere between 3 to 6 months. When the battery is low, the transmitter will produce two beeps in a repetitive cycle. *At that point you should replace your battery with a new one.* That is why we recommend that you keep a spare battery somewhere handy such as the glove compartment.

INDUSTRY CANADA USER NOTICE:
Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.
NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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Government regulations

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with the Industry Canada Radio Standards Specification RSS 210. Its use is authorized only on a no-interference, no-protection basis; in other words, this device must not be used if it is determined that it causes harmful interferences to services authorized by IC. In addition, the user of this device must accept any radio interface that may be received, even if this interference could affect the operation of the device.

Warning! Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Introduction

This is a state-of-the-art remote car starter system. The system is packed with advanced features such as priority access to the driver's door (commodity features), the Safe Start children safety feature and SmartStart™.

SmartStart™ is a groundbreaking technology that enables your remote starter features to be accessed by your smartphone. Features include keyless entry, trunk release, panic, remote start/stop toggle and alarm notifications[1]. Note: SmartStart™ must be professionally installed. For more information, see your nearest authorised Directed Canada dealer.

With many advanced functions, this product will satisfy any one of your expectations from high-end commodity and security systems, without neglecting any standard feature commonly offered by entry-level starters.

[1] Certain conditions apply. See your authorised Directed Canada dealer.

Vehicle Presets

Heater

When leaving the vehicle it is recommended to preset the accessory controls in preparation for the next remote start. Settings for the blower motor (fan), front and rear, should not be left on HIGH. It is recommended to leave the settings on LOW or MEDIUM instead.

Windshield Wipers, Radio & Headlights

Certain vehicles require the radio and / or windshield wiper and / or headlight circuits to become energized while running under remote start. When leaving the vehicle you must ensure that the windshield wiper and headlight switches are OFF. Leaving the headlight switch ON on certain types of vehicles could cause them to remain ON even after remote starter shut down, resulting in a dead battery.

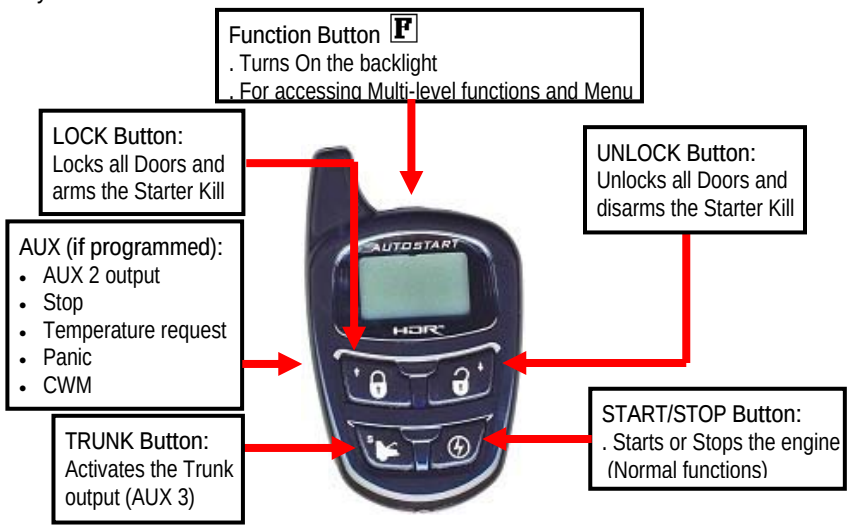
Using the Transmitter

Your remote starter is equipped with a 6-button multi-channel remote control. It can operate two independent vehicles equipped with identical remote starters (see Multi-car operation section on page 16).

LCD Remote Functions

The transmitter offers several command-confirmation and timer features. This section explains some of the key functions available. The next section gives a summary of the button combinations used to access the functions.

2way transmitter basic functions:



1way transmitter basic functions:

	LOCK: Locks the DOORS and arms the STARTER KILL.	(remote may vary from picture)
	UNLOCK: Unlocks the DOORS and disarms the STARTER KILL. Activates the AUX 2 output if Priority Door Access is configured.	
	TRUNK: Opens the TRUNK or activates the AUX 3 output.	
	START/STOP: Remote start or stop. Cold Weather Mode by pressing the SHIFT button and then pressing and holding the START/STOP button for 3 seconds.	
AS or AUX	SHIFT: This button serves as a second function button. In combination with the other four buttons, this button allows to assign different functions to those buttons.	

LCD Transmitter basic confirmations

Basic Vehicle Operations

Function	Button pressed	Icon / text	Sound	Instructions /description
Lock		/ LOCK	1 beep	Lock and arm the system
Unlock		/ UNLOCK	2 beeps	Unlock and disarm the system
Trunk or aux 3		TRUNK	1 beep	Trunk output
Start		0:15 +	3-beeps	Start the engine
Stop		None	2-beeps	Stop the engine
Back light	F	On for 5 seconds		Press F for 1 sec then release
Cold weather	F, then	24H	1 beep	See Cold Weather Mode section (page-13)
Remote valet	+	V	1 beep	See Vale mode section (page-11)
Panic	or	None	1 beep	See Panic Mode section (page-12)

Backlight

Three different ways to use the backlight:

- Turning the backlight on for 3 seconds, press the F for at least 1 second and release.
- If the F button is pressed and held for more than 5 seconds the backlight will stay ON as long as the button is held.

- To browse the MENU while the backlight is ON:
    a) Press the F for at least 1 second and release. The backlight should turn ON.
    b) Within 3seconds, press the F button for 2 seconds to access the various functions.

Remote's advanced functions and MENU

How to access advanced remote functions and MENU

User		Transmitter
1. Press F for 1 second and release	➔	Remote beeps once and L-01 appears on screen.
2. Press F a 2nd time for 1 second and release	➔	Remote beeps once and L-02 appears on screen.
3. Press F a 3rd time for 1 second and release	➔	Remote beeps once and L-03 appears on screen.
4. Press F a 4th time for 1 second and release	➔	Remote beeps once and MENU appears on screen.
5. At that point, press ↵ to enter the remote's MENU.	➔	Follow the steps listed below in "Selecting and adjusting advance MENU options":

Note: The order of LEVELS and MENU can be re-arranged in the menu option FBPRO.

Selecting and adjusting advanced menu options:

- When in MENU, press ↵ button to enter the menu.
- Press ▲ button to move up in the menu or ▼ button to move down in the menu.
- Press ↵ button to select the option you would like to adjust
- Press ▲ button to increase the value or to activate or deactivate a function or toggle through the selection.
- Press ▼ button to decrease the value or to activate or deactivate a function or toggle through the selection.
- Press ↵ button to move to the next sub-option or go back to the main menu.
- To SAVE modifications and EXIT remote's MENU, do not touch any button for approximately 5 to 10 seconds.

Remote's advanced functions and MENU

Display	Description
PARK (1)	Parking meter countdown This version of the countdown feature is particularly useful for keeping track of parking meter time: the user may quickly set up the countdown using the Parking Menu. The transmitter will beep once, 5min before the Parking countdown reaches 0 and beeps 6 times once the countdown expires. Through Advanced Options, first press F to select MENU, then: a. Choose PARK and press ↵. b. Set the time at which you want set the alarm. First set the hour, and

	press . Then set the minutes and press . c. Choose ON and wait. A flashing "P" will appear on screen to confirm activation.
ALARM (2)	Alarm Clock The LCD remote control has a built-in alarm clock, which can be set up using the Alarm Clock Menu. Once the programmed time is reached, the remote will beep 6 times every minute until a button is pressed. Through Advanced Options, first press F to select MENU, then: a. Choose ALARM and press . b. Set the time at which you want to set the alarm. First set the hour, and press . Then set the minutes and press . c. Choose ON and wait. A flashing "A" will appear on screen to confirm activation.
CWM (3)	Cold weather mode function: Through Advanced Options, first press F to select MENU, then: a. Choose CWM and press . b. Choose ON/OFF, then press and hold until 24H icon appears.
VALET (4)	Valet function: Through Advanced Options, first press F to select MENU, then: a. Choose VALET and press . b. Choose ON/OFF, then press and hold until V icon appears.
TSTART (5)	Time start function: This feature is used to remote start the car at a pre-programmed time. Once the pre-programmed time is reached, the remote will send a start command to the car module. Through Advanced Options, first press F to select MENU, then: a. Choose TSTART and press . b. Set the time at which you want to remote start the vehicle. First set the hour, and press . Then set the minutes and press . c. Choose ON and wait. A flashing "T" will appear on screen to confirm activation.
SECUR (6)	Secure: This feature is used to lock the keypad of the transmitter to avoid accidental button press. When the keypad is locked and a button is pressed, the LCD will display "PRESF" for 1 second and goes back to the clock. The transmitter keypad can also be locked as follows: a. Press F to select MENU. b. Within 3 seconds, press . c. The LCD will display "Security" to confirm locking of the keypad. • Press F for about 1sec, to unlock the transmitter's keypad.
COLOR (7)	Backlight color The backlight can be set to 8 different colors. Through Advanced Options, first press F to select MENU, then: a. Choose COLOR and press . b. Choose the desired color by pressing or

LCD (8)	LCD: If there is no activity within the programmed time, LCD screen will automatically turn off after 1min, 15min, 30 min, 60min or always ON. This feature maximizes the lifetime of the battery.
CLOCK (9)	Clock: The Clock menu is used to set the current time on your remote control. Through Advanced Options, first press F to select MENU, then: a. Choose CLOCK and press . b. Set the time at which you want to set the clock. First set the hour, and press , then set the minutes and press .
TEMP (10)	Temp Can be set to read the temperature in Celsius (CTEMP) or Fahrenheit (FTEMP)
LANGU (11)	Language Can be set to either English or French
SBPRO (12)	Side button function: The side button can be programmed as: • Panic button; • Stop button; • Temperature request button; • Aux 2 output button; • or CWM.
KEYLOC (13)	Keypad lock Note: In order for this feature to work, "Secure function" must be set to ON. If there is no activity within the programmed time, the keypad will automatically lock after 5 seconds, 10 seconds or 20 seconds. • Press F for about 1sec, to unlock the transmitter's keypad.
ILLUM (14)	LCD illumination: When this function is enabled, the LCD will illuminate each time LOCK, Unlock or START is activated.
FBPRO (15)	F Button Function: The order of LEVELS and MENU can be re-arranged using the F Button Function Menu. Details on (page-17)

F Button Function Menu	FBPRO	Function Button Programming
Function Button programming	1 2 3 M	Level 1, level 2, level 3, MENU
	2 3 1 M	Level 2, level 3, level 1, MENU
	3 1 2 M	Level 3, level 1, level 2, MENU
	2 1 3 M	Level 2, level 1, level 3, MENU
	M 1 2 3	MENU, level 1, level 2, level 3

Remote-Starting Your Vehicle

Setting Your Vehicle Into Ready Mode

If your vehicle has a manual transmission you must read the following indications. The unit must first be set to Ready Mode in order to start the vehicle by remote. If the unit is not set to Ready Mode, it cannot remote start the vehicle. Please note that Ready Mode can be enabled by the remote or the handbrake, depending on the option that was selected by your installer. Therefore,

you must follow the appropriate procedure between the two described below in order to set your vehicle into Ready Mode.
Once the system is set to Ready Mode, the vehicle can be remote started and stopped at any time. The system will exit Ready Mode if a door, the hood or the trunk is opened, if the brake pedal is pressed, if the parking brake is disengaged or if the ignition key is turned to the IGNITION ON (RUN) position.

To set the system to Ready Mode:

If Ready Mode is enabled by remote	If Ready Mode is enabled by handbrake
1. Ensure that all the doors, hood and trunk are closed. Make sure that the gear selector is in the neutral position.	
2. With the engine already running, apply the parking brake once and release the brake pedal.	2. With the engine already running, apply the parking brake twice within 10sec. Make sure to release the brake pedal. The parking lights will flash 3 times quickly and remain lit. Skip to step 4.
3. Within 20 sec. of engaging the parking brake, press and hold , or on the transmitter. The parking lights will flash 3 times quickly and remain lit.	-
4. Remove the key: the engine will continue running.	
5. Exit the vehicle and close all doors, hood and trunk.	
6. Press for approx. 1 second either: • to lock the doors and shut down the engine; • to unlock the doors and shut down the engine; • to shut down the engine without affecting the doors.	
7. The icon will appear on your screen.	
8. The parking lights will flash twice to confirm ready mode activation.	

Remote-starting

1. Press the button for approximately 1 second and release.
2. The remote will beep once and the LCD will display "START". (2way remote only)
3. The remote will confirm the remote starter's activation by beeping 3 times. (2way remote only)

If your vehicle has an automatic transmission and it does not start at the first attempt, the system will shut down, wait a few seconds and try to start the engine again. There will be 3 start attempts before the system gives up.

Driving Off

With the vehicle running under remote control, press the button to disarm and unlock the doors. Enter the vehicle and do the following:
Turn the ignition key to the IGNITION ON (RUN) position. (Do not turn the key to the CRANK position while the engine is running. This would cause the starter motor to re-engage.)
Press the brake pedal to disengage the remote starter unit.
You are now ready to drive off.

Arming and disarming the Starter Kill

This added security feature will prevent the vehicle from starting with the Ignition key when the starter kill is armed. If the system was installed with the starter kill option, you will not be able to start the vehicle with the key unless the system has been unlocked first or put into Valet Mode (page-11)

Note: If the Starter Kill is installed, the vehicle will benefit from a protection against starter motor damage that could occur after remote-starting the engine should the user, by force of habit, turn the ignition key to the CRANK position.

The Starter Kill (if installed) can be configured by the installer either to Passive Mode (so as to arm automatically) or Active Mode (so as to require the user's intervention for arming). By default, your Remote Car Starter is configured to Passive Mode.

Passive mode:

To arm the Starter Kill, press the button on the transmitter, OR

1. In Passive Mode, the Starter Kill will automatically arm 1 minute (by default) or 3 minutes (if configured this way) after the ignition is turned OFF or once the last door is closed (if the doors are monitored).
2. The LED on the antenna will flash quickly during the countdown preceding the activation of the Starter Kill.
3. Once the activation countdown expires, the LED will send a series of quick double flashes to indicate that the Starter Kill is now armed.

To disarm the Starter Kill, press the button on the transmitter.

- The Starter Kill will automatically rearm itself after 1 minute (by default) or 3 minutes (if configured this way) if no door is left opened (if the doors are monitored) and the ignition is not turned ON.

Active Mode:

To arm the Starter Kill, press the button on the transmitter.

1. The parking lights will flash once.
2. The LED on the antenna will flash slowly.
3. If remote door locks are installed, this will also lock the doors and arm the OEM-style alarm.

To disarm the Starter Kill, press the button on the transmitter.

1. The parking lights will flash twice.
2. The LED on the antenna will remain OFF.
3. If remote door locks are installed, this will also unlock the doors.

Remote Starter Features

Remote Door Locks

If your system was installed with the Remote Door Locks option, you will have the convenience of remote keyless entry.

To lock your doors and arm the starter kill (if installed):

1. Press and hold the button for approx. 1 sec.
2. The remote will beep once then display the icon to confirm that the doors have been locked.

To unlock your doors and disarm the starter kill (if installed):

1. Press and hold the button for approx. 1 sec.
2. The remote will beep twice then display the icon to confirm that the doors have been unlocked.

Remote Trunk Release

If your system was installed with the Remote Trunk Release option, you can open your trunk by pressing the button until the remote displays the text "TRUNK" on the screen. In addition, this will also disarm the OEM style alarm.

Idle Mode

Convenience feature: Idle Mode allows you to keep the engine running and the doors locked while you stop, for example, at a convenience store or for a short delivery.

This feature allows you to let the remote starter take over control of the vehicle (i.e. no Key in the Ignition Switch) while the engine is running.

If your vehicle has an automatic transmission, proceed as follows to set the system to Idle Mode:

1. With the engine running, make sure to release the brake pedal and press the , or button on the transmitter until the parking lights come ON.
2. Remove the ignition key from the ignition switch.
   The engine will continue running.
3. Exit the vehicle and close all doors, hood and trunk.
4. Press the button to lock the doors, to arm the starter kill and to arm the OEM style alarm.

If your vehicle has a manual transmission, Idle Mode can be activated through the same routine as that used for Ready Mode (page-8); at the last step, press button to lock the doors, arm the system and leave the engine running.

Note1: The engine will continue running until the user re-enters the vehicle or until the expiration of the engine run time.

Note2: If the pre-programmed run-time expires or if the user shuts down the engine by remote control, the vehicle will enter Ready Mode.

Caution!!! Do not leave children or pets unattended in a vehicle standing in Idle Mode.

Valet Modes

When the vehicle is in Valet Mode, the remote starter functionalities and alarm (if configured) are disabled. If the vehicle needs to be serviced, or if you park it indoors, the Valet Mode will prevent the engine from being remote-started accidentally.

Any of the following features will put your remote car starter into Valet Mode:

Ignition Valet: This feature allows you to put your system into Valet Mode by using the ignition key.

Remote valet: This feature allows you to put your system into Valet Mode by using the transmitter.

To put the system into Valet Mode

To put the system into Valet mode using the KEY (Ignition Valet Mode):

1. Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the IGNITION/RUN and OFF positions. The parking lights will flash three times.
2. Turn the ignition OFF.
3. The LED on the antenna will come ON solid to indicate that the vehicle has successfully entered Valet mode.
4. The V icon will appear on your LCD remote if or button is pressed.

To put the system into Valet mode using the TRANSMITTER (Remote Valet Mode):

1. Press the and buttons simultaneously until the V icon will appear on your LCD remote.
2. The LED on the antenna will come ON solid to indicate that the vehicle has successfully entered Valet mode

To put the system out of Valet Mode

To put the system out of Valet mode using the KEY (Ignition Valet Mode):

1. Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the IGNITION/RUN and OFF positions.
2. The parking lights will flash twice.
3. Turn the ignition OFF.
4. The LED on the antenna will flash quickly to indicate that the vehicle is now out of Valet mode.
5. The V icon will disappear on your LCD remote if or button is pressed.

To put the system out of Valet mode using the TRANSMITTER (Remote Valet Mode):

- Press the and buttons simultaneously until the parking lights flash 2 times or until the V icon disappears from your LCD remote.
- The LED on the antenna will flash quickly to indicate that the vehicle is now out of Valet mode.

The system will warn you if someone attempts to remote start the vehicle while in Valet Mode:

The parking lights will:
Turn ON then OFF; then
Flash twice.

Panic Mode

Note: Panic mode can only be activated if the horn has been adequately configured by the installer.

In an emergency situation, you can activate panic mode by pressing and holding the OR button for more than 3 seconds, until the horn starts honking. If the vehicle is under a remote start, the engine will shutdown automatically before setting off the horn. You can stop the horn by pressing:

(this will lock your doors and deactivate panic mode), or

(this will unlock your doors and deactivate panic mode).

Furthermore, the panic mode can be stopped by activating Valet Mode (page- 11)

* Panic Mode will automatically shut down after 30 sec.

Quick Lockout™

(Also called Secure Panic.) For fast protection in emergency situations, the system will LOCK all doors when you press the brake pedal while you hear the sound signal. (Quick Lockout is only available when panic mode has been set off.)

Cold Weather Mode

If the vehicle has a Manual transmission, Ready mode (page-8) should be set before entering Cold Weather. When cold weather mode is active, the engine starts every 2 hours and runs for 3 minutes (or for 8 or 20 minutes with diesel engines). Cold weather mode automatically ends after 24 hours. The vehicle must be set in ready mode (manual transmission) before the cold weather mode can be activated.

To enter Cold Weather Mode:

1. Through advance function remote's menu (page-6), select L-01. (2way remote). Rapidly press AUX twice. The remote's LED will start flashing. (1way remote)
2. Press and hold the button until the icon will appear on the display or press and hold until the parking lights will flash for 2 seconds, pause, and then 3 times.

To exit Cold Weather Mode, do any one of the following actions:

- Open the hood.
- Start the engine by remote.
- Turn the ignition key to the IGNITION ON (RUN) position.
- Through advance function remote's menu (page-6), select L-01. (2way remote)

  Press and hold the button until the icon will disappear on the display or until the parking lights will flash for 2 seconds, pause, and then 2 times.

To verify whether the system is in cold weather mode:

The icon should appear on your remote display. (2way remote only)

OR

Press the brake pedal:

If the vehicle is in cold weather mode, the parking lights will remain ON while the brake pedal is pressed. (Automatic transmission ONLY)

Extended Run Time

While the vehicle is running under a remote start, press and hold the button until the remote beeps 3 times. This will reset the run time counter to zero and restart the run time cycle from the beginning. The extended run time procedure can only be carried out once per remote start.

To stop the vehicle, at any moment, simply press the button.

Example: If your remote car starter is programmed for a run time of 3 minutes and your vehicle has been running for 2 minutes already, pressing the button will reset the counter to zero and allow the engine to run for another cycle (in this case, 3 minutes).

Disable/Enable antenna's LED

To disable the LED: Press and hold and simultaneously until the remote beeps once, pause for 2 seconds, then beeps once again. Release the buttons. The parking light will flash 3 times.

To Enable the LED: Press and hold and simultaneously until the remote beeps once, pause for 2 seconds, then beeps once again. Release the buttons. The parking light will flash 1 time.

Temperature Request (If ACC-Temp-100 installed)

The user can request the temperature in the vehicle if a Temperature Sensor Module (ACC-Temp-100) is installed:

1. Through advance function remote's menu (page-6), select L-01.
2. Immediately press the button and hold it until the temperature is displayed on the LCD screen.

Advanced Features: Installation-programmable Options

The remote starter was designed with flexibility and OEM integration in mind. With its programmable options, this unit can single-handedly control nearly any electrical system in your vehicle.

> Caution!!! The programming of your system should be left to a professional. Changing any one of the settings may affect the operation of your remote starter.

Ignition-controlled Door Locks

This is an added security feature. If your Remote Car Starter was installed with the Ignition-Controlled Door Locks option, the doors will automatically lock as soon as the ignition key is turned to the IGNITION ON (RUN) position while the brakes are pressed. The remote car starter will also lock any door that was unlocked and opened (then closed) the next time the break pedal is pressed. When the key is turned to the OFF position, the doors will automatically be unlocked.

Secure Lock

Before it can remote-start your vehicle, the remote starter must first disarm the factory security system. The secure lock feature may be required on certain vehicle models with factory security systems that automatically unlock the doors when the security system is disarmed. To keep your vehicle protected when the factory security system is disarmed for a remote start, secure lock will relock your doors as soon as the vehicle has started. Once the engine run cycle ends, secure lock will rearm your factory security system.

Safe Start

This feature will eliminate accidental remote starts, e.g. when children are playing with the transmitter.

Safe start enabled: If this feature is enabled, the user must press the button twice within 3 seconds to remote-start the vehicle.

Swap start: If this feature is enabled;

1. Through advance function remote's menu (page-6), select L-01. (2way remote). Rapidly press AUX twice. The remote's LED will start flashing. (1way remote)
2. Press to remote start the vehicle.

The AUX 2 output can be activated by pressing the button.

Engine Run Time

On a gas engine, the Remote Car Starter can be programmed to run the engine for 3, 15, or 25 minutes (15 minutes by default). On a diesel engine, the Remote Car Starter can be programmed to run the engine for 8, 20, or 30 minutes (20 minutes by default).

Turbo Mode

If Turbo Mode is configured at installation, it will allow a turbocharger to idle down after the user leaves the vehicle: the unit will take over the vehicle and keep it running for 60 seconds (or until it is shut down by remote control), then shut down the engine.

If your vehicle has an automatic transmission, proceed as follows to set the system to Turbo Mode:

1. With the engine running, make sure to release the brake pedal and press the , or button on the transmitter until the parking lights come ON.
2. Remove the ignition key from the ignition switch.
   The engine will continue running.
3. Exit the vehicle and close all doors, hood and trunk.
4. Press the button; this will lock the doors, arm the OEM-style alarm (if configured|) and confirm that the vehicle is in Turbo Mode.
5. The engine will shut down after 60 seconds.

If your vehicle has a manual transmission, follow all steps of the Ready Mode routine (page-8) to activate Turbo Mode. At the last step,

- Press to lock the doors and have the engine shut down after 60 seconds;
  The parking lights will flash 3 times and remain lit.
  The OEM-style alarm and starter kill (if configured) will be armed.
- Press to unlock the doors and have the engine shut down after 60 seconds;
  The parking lights will flash 3 times and remain lit.
- Press to shut down the engine without affecting the doors.

Note: The vehicle will enter Ready Mode once the engine run time expires.

"Home Valet™" Mode

If configured at installation, this feature will remotely set the vehicle to a no-remote-start mode: if the vehicle is parked indoors there is no danger of it starting accidentally by remote control. If the vehicle has a manual transmission, it should be set into ready mode before activating the Home Valet™.

Note: Once the Home Valet Mode is activated, the vehicle will not start by remote, but the OEM alarm functions will remain active.

To take the system into home valet mode:

1. Press the or button.
2. Within 3 seconds, press the and buttons simultaneously until the transmitter beep once and display V icon on the LCD screen or until the parking lights flash once.

To take the system out of home valet mode:

- Turn the ignition key to the IGNITION ON (RUN) position.

The system will warn you if someone attempts to start your vehicle while it stands in home valet mode. The parking lights will:

Turn ON then OFF; then
Flash twice, pause; then
Flash twice again.

AUX 1

Note: This 500 mA negative Aux 1 output can be used for many different applications

Priority door:

This great feature allows the user to unlock solely the driver's door with a single press of the button on the transmitter, and to unlock the other doors, if desired, by pressing the button for a second time.

The output will provide a 1-second negative output when the button is pressed a second time on the transmitter.

Horn Confirmation:

AUX 1 can be programmed to trigger the horn every time the button is pressed, or when the button is pressed twice within 3 seconds. When horn confirmation is activated, panic mode is enabled. If horn confirmation is disabled, panic mode will not be available.

Horn Chirp Timing

The pulse duration can be configured by your installer (from 5 ms to 200 ms).

Multi-car Operation

This option allows the owner of two vehicles, both equipped with the same remote starter model, to control both systems with a single remote control. To control the second vehicle:

Note: Your remote control must be configured for second car operation by the installer.

Press + simultaneously: ..... LOCK

Press + simultaneously: ..... UNLOCK

Press + simultaneously: .....START

Press + simultaneously: ..... STOP

Press F ➢ : TRUNK

or

Press F ➢ F ➢ : ..... LOCK

Press F ➢ F ➢ : ..... UNLOCK

Press F ➢ F ➢ : ..... START

Press F ➢ F ➢ : ..... STOP

Press F ➢ F ➢ : ..... TRUNK

OEM-Style Alarm

The OEM-style alarm (if configured by your installer) monitors the doors, hood and ignition switch of your vehicle. It will sound the horn if a door or the hood is opened, or if the key is turned in the ignition.

- To arm the OEM-style alarm, press the button on the transmitter.
  - The OEM-style alarm will ONLY arm if the button on the transmitter is pressed.
  - The LED on the antenna will flash slowly to indicate that the OEM-style alarm is now armed.
- To disarm the OEM-style alarm, press the button on the transmitter.
  - To stop the horn from sounding if the OEM-style alarm is triggered, press the or button, or put the system in and out of Valet Mode (page-11)

Intrusion Codes via horn

The system monitors the following:

- Doors
- Hood
- Ignition

Note: If an intrusion has occurred the HORN will sound for a maximum of 1minute.

If an intrusion has occurred and pressed, the horn provides an intrusion code corresponding to the type of intrusion that occurred.

Diagnostic table:

1x = power interruption	4 x = Doors intrusion
3x = Hood	6x = Ignition

Missing a Start or a Stop Confirmation

If you have not received a Start or the Stop confirmation after pressing the button, pressing the button will refresh the display and will confirm if the vehicle was started or stopped.

If no Start Confirmation Was Received:

- Press the button:
  - The remote's icon will start flashing
  - The icon and runtime time countdown will be displayed.

If no Stop Confirmation Was Received:

- Press the button:
  - The will be displayed
  - The remote's icon and the runtime countdown will disappear.

Multi-Level Features

The multi-level features allows you to access different features of your vehicle or of a second car by pressing the F button once, twice or three times. For convenience purpose, the order of LEVELS and MENU can be re-arranged through FBPRO setting (page-5)

Features:

- MENU: see page-6 for complete lists of MENU available.
- Basic features: AUX-2, Cold Weather mode, Swap Start, Temperature request
- Multicar Operation: Allows the owner to control both vehicle equipped with the same remote starter model.
- Customized feature: Your installer can add customized features such as turning on the radio, opening sliding doors, etc.

To control the Multi level features, refer to the tables below:

FBPRO setting 1 *default		
FBPRO setting	Features	Levels
1	Basic features	L01
2	Multicar operation	L02
3	Customize feature	L03
M	MENU	MENU

FBPRO setting 2		
FBPRO setting	Features	Levels
2	Multicar operation	L01
3	Customize feature	L02
1	Basic features	L03
M	MENU	MENU

FBPRO setting 3		
FBPRO setting	Features	Levels
3	Customize feature	L01
1	Basic features	L02
2	Multi car operation	L03
M	MENU	MENU

FBPRO setting 4		
FBPRO setting	Features	Levels
2	Multicar operation	L01
1	Basic features	L02
3	Customize feature	L03
M	MENU	MENU

FBPRO setting 5		
FBPRO setting	Features	Levels
M	MENU	MENU
1	Basic features	L01
2	Multicar operation	L02
3	Customize feature	L03

Example: If the multi-level feature is set to FBPRO setting 3, the basic features can be access as follow:

- To activate AUX-2 feature, the user needs to browse the remote's advance function (page-5) and select L03. After selecting L03, immediately press lock to activate AUX-2 feature.

Troubleshooting Transmitting Range

Many factors may affect the operating range of the transmitter. Some of these are:

- The condition of the battery in the transmitter.
- The operating environment (for example: downtown radio-frequency noise, airports, cellular phone towers…)
- Metal: any type of metal will affect operating range. This includes the metal in the car.
- The shape of the vehicle can affect range as well; vans in general have an especially poor range.
- The shape of the roof and A-pillars brings about considerable radio-frequency deflection (in this case the signal from the remote control). As a result, the direction in which the vehicle is facing in relation to the remote control can affect the range. Straight on – standing in front of the

vehicle – generally gives you the greatest range; the second best performance is from the back. Using the remote control from either side of the vehicle will usually give the lowest range.

- The range will be significantly lower in a crowded parking lot than in open space.
- Always hold the transmitter high, approximately at shoulder height. Holding the transmitter against your chin will also increase your range: your head acts as an antenna.
- The operating range will be somewhat lower on vehicles equipped with an aftermarket or factory alarm.

Diagnostics – Parking Light Flash Table

Parking lights flashes	Description
1	• Doors locked. • Trunk released. • Start signal received from the remote. • Runtime has expired
2 fast	• Doors unlocked • Valet mode is deactivated
2 slow	• Shutdown by remote
4 fast	• Shutdown by brake • A remote start was attempted while the brake pedal is engaged.
3 slow	• Runtime is extended.
1 slow → 2 fast	• Valet mode activated.
10 fast	• Shutdown by hood • A remote start was attempted while the hood is open.
ON → twice	• Cold weather mode deactivated
ON → 3 times	• Cold weather mode activated.
Solid ON	• Engine is running under remote start.
Flash for 30 sec.	• Panic mode is triggered.
Flash for 60 sec.	• Alarm is triggered.
ON → twice → twice	• A remote start was attempted while the system is in home valet.